#### ATTY. DKT. NO: ONS00541 NEW INTERNATIONAL PATENT APPLICATION UNDER PATENT COOPERATION TREATY

IN RE APPLN. OF François Lhermite et al. FOR: POWER SUPPLY CONTROLLER METHOD AND STRUCTURE

18 Pages of SPEC, CLAIMS and Enclosed: ABSTRACT.

3 Sheets of FORMAL DRAWINGS.

8 Pages of Request; and fee calculation she authorizing Filing Fee \$3079.00 charge to Deposit Account 501086.

PCT EASY(SAFE) DISKETTE; & Power of Attorne

RH:LMC

Mail Date: 2/26/2004

PCT/US 04/06281

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PCT EASY(SAFE) DISKETTE; & Power of Attorney.

RH:LMC



# **PCT**



INTERNATIONAL SEARCH REPORFIAR

(PCT Article 18 and Rules 43 and 44)

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Applicants or agent's the reference	ACTION	see Form PCT/iSA/220 as well as, where applicable, item 5 below.				
Ons00541 International application No.	International filing date (day/monti					
	<del>-</del> , ,	(Lawcos) Fronty Date (daymonaryear)				
PCT/US2004/006281	26/02/2004					
Applicant		,				
SEMICONDUCTOR COMPONENTS I	NDUSTRIES L. L. C					
This International Search Report has been prepared by this international Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.						
This International Search Report consists of a total of sheets.						
It is also accompanied by a copy of each prior art document cited in this report.						
Basis of the report     a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.						
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).						
b. With regard to any <b>nucleo</b>	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.					
2. Certain claims were four	nd unsearchable (See Box II).					
3. Unity of invention is lack	ding (see Box III).					
4. With regard to the <b>title</b> ,						
X the text is approved as sui	omitted by the applicant.					
the text has been establish	ned by this Authority to read as follow	ws:				
This was a standard to the sta						
<ol> <li>With regard to the abstract,</li> <li>X the text is approved as substract.</li> </ol>	nmitted by the applicant					
Annesta de la companya del companya de la companya del companya de la companya de	• • • • • • • • • • • • • • • • • • • •	is Authority as it appears in Box No. IV. The applicant				
may, within one month from	n the date of mailing of this internati	onal search report, submit comments to this Authority.				
6. With regards to the <b>drawings</b> ,						
a. the figure of the <b>drawings</b> to be pu	ublished with the abstract is Floure N	io. 3				
X as suggested by the						
as selected by this	Authority, because the applicant fai	led to suggest a figure.				
as selected by this	Authority, because this figure better	characterizes the invention.				
b. none of the figures is to be	published with the abstract.					



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# THE BUNIOUS STRATES DEANIER OF

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office

June 22, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY OF THE BELOW IDENTIFIED INTERNATIONAL APPLICATION AS ORIGINALLY FILED AND ANY CORRECTIONS THERETO FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS A RECEIVING OFFICE UNDER THE PATENT COOPERATION TREATY.

APPLICATION NUMBER: PCT/US04/06281

FILING DATE: February 26, 2004

By Authority of the

**Under Secretary of Commerce for Intellectual Property** and Director of the United States Patent and Trademark Office

T. LAWRENCE

**Certifying Officer** 

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Ons00541

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### PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	PCT/US 04/06281	
0-1 🦠	International Application No.		
0-2	International Filing Date	26 FEB 2004 (26. +2.a1)	
0-3	Name of receiving Office and "PCT International Application"	PCT INTERNATIONAL APPLICATION RO/US	
0-4	Form - PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.153)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)	
0-7	Applicant's or agent's file reference	Ons00541	
1	Title of Invention	POWER SUPPLY CONTROLLER METHOD AND STRUCTURE	
11	Applicant		
II-1	This person is:	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES,	
II-5	Address:	L.L.C. 5005 E. McDowell Road - A700 Phoenix, Arizona 85008 United States of America	
11-6	State of nationality	បន	
11-7	State of residence	υS	
11-8	Telephone No.	602-2443615	
	į	602-224-3169	
11-9	Facsimile No.	Jerry.Chruma@onsemi.com	

# POWER SUPPLY CONTROLLER METHOD AND STRUCTURE

# Abstract of the Disclosure

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A power supply controller determines the value of an input power and uses the value of the input power to regulate a value of the output voltage.

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#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS Adexandra, Vignia 22313-1450 www.uspro.gov

FILING OR 371 (c) DATE ART UNIT FIL FEE REC'D ATTY.DOCKET NO DRAWINGS TOT CLMS IND CLMS APPL NO. 09/19/2005 2821 900 ONS00541 3 10/549.543

**CONFIRMATION NO. 1655** 

27255 SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC ATTN: ROBERT D. ATKINS/LAW DEPT./MD 1700 P.O. BOX 62890 PHOENIX, AZ 85082-2890

FILING RECEIPT \*OC000000020519184\*

Date Mailed: 09/21/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

François Lhermite, Lasserre, FRANCE; Joel Turchi, Toulouse, FRANCE;

RECEIVED

Power of Attorney: None

SEP 2 7 2006

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/06281 02/26/2004

ON SEMICONDUCTOR PATENT ADMINISTRATION

Foreign Applications

If Required, Foreign Filing License Granted: 09/20/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/549,543** 

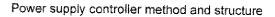
Projected Publication Date: 12/28/2006

Non-Publication Request: No

Early Publication Request: No

ncp 315 FLR 9/21/04

Title



#### **Preliminary Class**

315

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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PRIORITY DATE



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS Pakestofia, Viginia 22313-1450 www.aspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/549,543 François Lhermite ONS00541

INTERNATIONAL APPLICATION NO.

PCT/US04/06281 LA. FILING DATE

SEMICONDUCTOR COMPONENTS INDUSTRIES. LLC ATTN: ROBERT D. ATKINS/LAW DEPT./MD 1700 P.O. BOX 62890 PHOENIX, AZ 85082-2890

**CONFIRMATION NO. 1655** 371 ACCEPTANCE LETTER 

\*OC000000020519185\*

02/26/2004

Date Mailed: 09/21/2006

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

09/19/2005

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS

08/26/2006

DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 09/19/2005
- Copy of the International Search Report filed on 09/19/2005
- Information Disclosure Statements filed on 09/19/2005
- Oath or Declaration filed on 09/19/2005
- U.S. Basic National Fees filed on 09/19/2005
- Assignment filed on 09/19/2005





to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

KAREN M WILLIAMS Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)